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IN THE ABSTRACT

Please replace the originally filed Abstract with the new Abstract below.

Mechanisms and techniques provide a system that can transmit stream data in a computer network. The system can identify at least two packets of stream data that are destined to a common location in a computer network and can form a pooled packet of stream data using the packets of stream data. The system can then transmit the pooled packet to the common location in the computer network ~~thus avoiding having to transmit each packet of stream data separately.~~ In another configuration, the system can receive a pooled packet of stream data containing a representation of at least two packets of stream data. ~~The system can~~ and detect if the pooled packet of stream data contains at least one packet of stream data ~~that is to be extracted from the pooled packet of stream data.~~ If the packet of stream data is to be extracted from the pooled packet, the system can extract the packet of stream data ~~from the pooled packet~~ and can transmit the extracted packet of stream data to a destination associated with the packet.